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PATENT ABSTRACTS OF JAPAN

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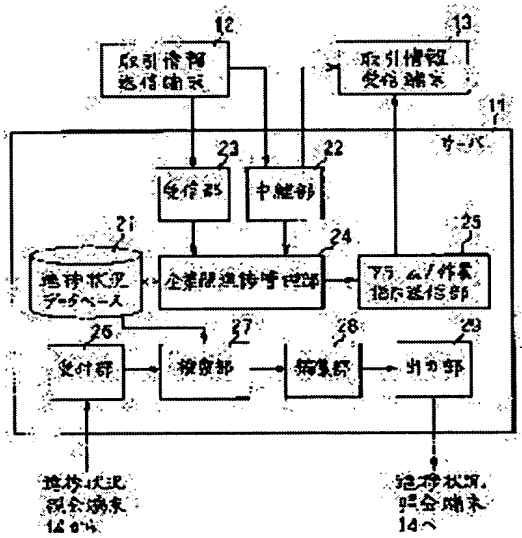
(71)Applicant : HITACHI LTD

(72)Inventor : MIYAKE TSUYOSHI
SHIINA HIROMITSU

(54) METHOD AND DEVICE FOR MANAGING INTER-COMPANY TRANSACTION PROGRESS



(57)Abstract:

PROBLEM TO BE SOLVED: To perform progress management of transaction or a project in which plural companies work together and participate in accordance with the time of deliver when final products are delivered to a customer.

SOLUTION: A relaying part 22 of a server 11 relays transaction information sent from a transaction information sending terminal 12 of a certain company to a transaction information receiving terminal 13. An inter-company progress managing part 24 expands it into a work schedule that consists of plural work processes and stores it in a progress state database 21 when it receives merchandise order information from the part 22. When the actual results report of a related work process is acquired through the part 22 and a receiving part 23, actual results date is recorded on the schedule and when it is later than a scheduled date, changed date about a subsequent work process is recorded. A

retrieving part 27 fetches corresponding progress state from the database 21 in response to an inquiry from a progress state inquiring terminal 14 and sends it to the terminal 14 via an editing part 28 and an outputting part 29.

LEGAL STATUS

[Date of request for examination] 15.11.2002

CLAIMS

[Claim(s)]

[Claim 1] Acquire the dealings information transmitted among companies through a network, and it develops on two or more routings which cover two or more companies based on this dealings information, and the schedule containing the completion scheduled day. The dealings status-control method between the companies characterized by recording an actual result day on this schedule when the actual result report of work is acquired about this routing, and recording the change day which corrects the completion scheduled day of a consecutive routing according to delay days when an actual result day is late for the completion scheduled day on this schedule.

[Claim 2] The dealings status-control method between the companies according to claim 1 characterized by transmitting the message of warning to the destination company of a consecutive routing when this actual result day is late for this completion scheduled day.

[Claim 3] The dealings status-control method between the companies according to claim 1 which take out the schedule which answered reference of a progress situation and was specified to be it, and are characterized by transmitting the edited schedule to the agency making a reference.

[Claim 4] Server equipment which is characterized by providing the following and which carries out the dealings status control between companies. A means to acquire the dealings information transmitted among companies through a network A means to develop on two or more routings which cover two or more companies based on this dealings information, and the schedule containing the completion scheduled day A means to record an actual result day on this schedule when the actual result report of work is acquired about this routing, and to record the change day which

corrects the completion scheduled day of a consecutive routing according to delay days when an actual result day is late for the completion scheduled day on this schedule

[Claim 5] Server equipment which carries out the dealings status control between the companies according to claim 4 characterized by preparing the destination company of a consecutive routing further a means to transmit the message of warning when this actual result day is late for this completion scheduled day.

[Claim 6] It is the computer program which is substantiated on the storage which a computer can read and carries out the status control of dealings between companies. This program acquires the dealings information transmitted among companies through :(a) network containing the following step. (b) It develops on two or more routings which cover two or more companies based on this dealings information, and the schedule containing the completion scheduled day. (c) When the actual result report of work is acquired about this routing, an actual result day is recorded on this schedule, and when an actual result day is late for the completion scheduled day, the change day which corrects the completion scheduled day of a consecutive routing according to delay days is recorded on this schedule.

[Claim 7] This program is a computer program according to claim 6 characterized by including the step which transmits the message of warning to the destination company of a consecutive routing when this actual result day is further late for this completion scheduled day.

[Claim 8] This program is a computer program according to claim 6 which takes out the schedule which answered reference of a progress situation and was further specified to be it, and is characterized by including the step which transmits the edited schedule to the agency making a reference.

DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] this invention relates to the method and equipment which perform the status control of the work schedule in which two or more companies participate based on the dealings information transmitted especially among companies with respect to the status-control method of dealings using a

computer, and equipment.

[0002]

[Description of the Prior Art] The production control in the single company using a computer and production control of a project are carried out in many companies, and the technology is known well. For example, JP,7-129667,A indicates the production control method of business of managing a project.

[0003]

[Problem(s) to be Solved by the Invention] There are goods which will need linkage of two or more companies by the time it supplies a customer final products, such as manufacture of parts, assembly of shipment and equipment, and shipment, according to the time for delivery when supplying a final product. Thus, when carrying out the status control of dealings to which two or more companies participate in the bottom of a series of time-for-delivery conditions, or a project until it results [from the routing of the best style] in delivery of a final product, production control technology in the same conventional company cannot be applied as it is. That is, it is difficult to access the server in a company of the company where the server which carries out the status control of such dealings between companies is related, and to pull out the data of a production control or stock control, and it is still more difficult to collect data useful for the status control of the dealings conducted the purpose from the difference of the data format by the company, or a coding scheme, or a project. It was difficult to grasp whether the work to which company is completed about the goods conventionally ordered according to such a situation, and there is any delay to a schedule.

[0004] The purpose of this invention is to solve the above-mentioned conventional trouble, and is to offer the method and equipment which carry out the status control of the dealings in which two or more companies participate.

[0005]

[Means for Solving the Problem] this invention acquires the dealings information transmitted among companies through a network. It develops on the work schedule containing two or more routings which cover two or more companies based on this dealings information, and the completion scheduled day. When the actual result report of work is acquired about this routing, an actual result day is recorded on a work schedule. When an actual result day is late for the completion scheduled day, it is characterized by the dealings status-control method and equipment between the companies which record on a schedule the change day which corrects the completion scheduled day of a consecutive routing according to delay days. The actual result report of work [here] shall compare the actual result day should match

with one of two or more developed routings, and it was reported that was the completion scheduled day of work.

[0006]

[Embodiments of the Invention] Hereafter, 1 operation gestalt of this invention is explained using a drawing.

[0007] Drawing 1 is the status-control structure-of-a-system view of this operation gestalt. It connects with a server 11 through a network 15 with a server 11, and a system consists of the dealings information transmit terminals 12, the dealings information accepting stations 13, and the progress situation reference terminals 14 used as a client. The dealings information transmit terminal 12 is installed in one company, and transmits dealings information to a server 11 through a network 15. The dealings information accepting station 13 is installed in other companies, and receives dealings information from a server 11 through a network 15. A server 11 creates the progress situation table of the work from manufacture of goods to delivery while relaying the dealings information about the order of goods which received from the dealings information transmit terminal 12 to the dealings information accepting station 13, and it manages the progress situation. The progress situation reference terminal 14 asks a server 11 the progress situation about specific goods order through a network 15, and acquires progress situation data.

[0008] The dealings information transmit terminal 12, the dealings information accepting station 13, and the progress situation reference terminals 14 are information processors, such as a personal computer. Since the name of each terminal unit expresses the function of the application program (AP) performed with the information processor, one set of an information processor can be equipped with two or more functions of these terminals by it. Servers 11 are information processors, such as a personal computer, a workstation, a mainframe computer, and a parallel computer. Networks 15 are networks, such as the Internet which can be used among two or more companies, and a dedicated line which a value added carrier offers.

[0009] Drawing 2 is drawing showing the composition of the database and functional module which a server 11 holds. The progress situation database 21 is carried out based on order of the goods between companies, and stores the data of the progress situation of work, such as manufacture of the product covering two or more companies, shipment, and delivery. The relay section 22 is passed to the status-control section 24 between companies while it relays the dealings information received from the dealings information transmit terminal 12 to the dealings information accepting station 13. In addition, the dealings information transmit terminal 12 may transmit the same dealings information to both the dealings

information accepting station 13 and the server 11 by broadcast. In this case, the relay section 22 turns into a mere receive section of dealings information. A receive section 23 passes the work actual result data received from transmit terminals, such as the dealings information transmit terminal 12, to the status-control section 24 between companies. The status-control section 24 between companies is the processing section which develops the order dealings information on the goods which received from the relay section 22 in the form of a progress situation table, and is stored in the progress situation database 21. Moreover, the status-control section 24 between companies updates the progress situation table to which the progress situation database 21 corresponds with the dealings information or work actual result data which received from the relay section 22 or the receive section 23. When delay arises on a work schedule as the result, alarm / workmanship instruction transmitting section 25 transmits alarm or workmanship instruction to accepting stations, such as the dealings information accepting station 13 of a related company. The receptionist section 26 is the processing section which receives progress situation reference of dealings from the progress situation reference terminal 14. The reference section 27 is the processing section which acquires the progress situation table which searches the progress situation database 21 and corresponds. An editorial department 28 is the processing section which edits the acquired progress situation table. The output section 29 is the processing section which transmits the created progress situation data to the progress situation reference terminal 14. In addition, a server 11 is able to store AP containing the above-mentioned functional module in a storage, and to read and perform AP on this storage.

[0010] Drawing 3 is drawing showing the example of data of the dealings information 35 transmitted to the dealings information accepting station 13 from the dealings information transmit terminal 12. Drawing 3 (a) is ordering information transmitted to X company from A company, and consists of a goods number, quantity, time for delivery, a purchaser, a successful bidder, and an order number. Drawing 3 (b) is shipment information transmitted to Y company from C company, and consists of a goods number, quantity, time for delivery, a purchaser, a successful bidder, an order number, a shipment number, and an actual shipment day. In addition, it can be based on a CII syntax rule and standard format like EDIFACT as a format of dealings information. Moreover, the order number, the goods number, etc. shall be unified in accordance with the unification criteria of the coding scheme between companies.

[0011] Drawing 4 is drawing showing the composition of the progress situation data stored in the progress situation database 21. Progress situation data are the schedule table showing a progress situation in order of the work of the company

related about each goods order. A table arranges an order number, a company name, a work name, the completion scheduled day of work, work actual result Japan, and work change Japan in the direction of a train, and arranges the work of each company concerning the same goods order, and its progress situation in order of work to a line writing direction. A company name shows an independent company name or two company names concerning dealings between companies. An order number, a company name, a work name, and the completion scheduled day of work are data set up by work expansion at the time of the first goods order. Work actual result Japan and work change Japan are data stored using an actual result report of a company or the dealings information 35. A work change day corrects the completion scheduled day of work of a consecutive routing from a routing with the actual result report. For example, the work actual result day is extracted from the dealings information 35 from C company to Y company about shipment for C company to Y company. The alarm and workmanship instruction which are added about each work show the alarm and workmanship instruction which are transmitted to the company which takes charge of the work of consecutiveness in connection with work delay. Since the example of drawing 4 was from C company in shipment for Y company on the 1st, delivery for B company is overdue from Y company for one day, and warning of "delivery delay" to B company which is the company of a destination as the result is shown. Moreover, directing "lead time shortening" to B company is shown instead of changing the manufacture schedule of B company. Moreover, since there is a possibility that it may point to "urgent shipment" to X company, and shipment for A company may be overdue from X company since there is a possibility that shipment for X company may be late from B company, warning of "those of delivery delay with fear" to A company is shown. The content of alarm and workmanship instruction is overdue with the kind of work, and prepares a pattern according to days. Although alarm and workmanship instruction did not need to be registered into the progress situation database 21, since it generated corresponding to each work, it stood in a row with the progress situation of each work for convenience, and was shown.

[0012] In addition, you may include a manufacturing process in it using the C company shipment dealings information of -Y company and B company [-X], without preparing the manufacturing process of an independent company like C company and B company. "Shipment" means the turnover of the goods in the case of being accompanied by manufacture, and "delivery" means the turnover of the goods when not being accompanied by manufacture like [when going via a dealer or a trading company]. In addition, in the complicated work schedule which two or more

routings stand in a row and advance, and the parts manufactured in each company assemble, assembles a final product, and is supplied to a purchaser, one goods order can be similarly developed on a progress situation table, and the example of drawing 4 can set up work actual result Japan and work change Japan using an actual result report of a company or the dealings information 35, although a routing is the simple example connected in series.

[0013] Drawing 5 is a flow chart which shows the flow of processing of the status-control section 24 between companies of a server 11, and the alarm / workmanship instruction transmitting section 25. If the dealings information 35 or work actual result data is received from the relay section 22 or a receive section 23 (Step 51), the status-control section 24 between companies will search the progress situation database 21 by the order number (Step 52), and will judge whether it is the dealings information on the new goods order which is not registered into the progress situation database 21 (Step 53). If it is new goods order (Step 53 YES), work expansion of the company name, work name, and standard operation days which were beforehand set as storage will be carried out as a schedule of a prototype (Step 54), it will register with the progress situation database 21 (Step 55), and processing will be ended. The successful-bidder-purchaser contained in ordering information is set up as a company name of the last delivery work or shipment work, and the time for delivery of goods sets up as the completion scheduled day of work of the last delivery work or shipment work. If it is not new goods order (Step 53 NO), it will judge whether they are the company dealings information on registered goods order, or a work actual result report (Step 56). If it is the dealings information / actual result report of ordered goods (Step 56 YES), when the work actual result day of work when the order number concerned corresponds to a progress situation table will be set up and change will arise by it on the completion scheduled day of work, according to the delay days, a change day is set up on a work change day (Step 57). Next, the progress situation database 21 is updated on the created progress situation table (Step 58). As a result of processing of Step 57, when a work actual result day is not late for the completion scheduled day of work, (Step 59NO) and processing are ended. When time-for-delivery delay arises, an order number, a work name, alarm, or workmanship instruction is transmitted to the accepting station of the company where (Step 59YES) and control are related according to the alarm by which alarm / workmanship instruction transmitting section 25 was beforehand set up over alarm / workmanship instruction transmitting section 25, and the pattern of workmanship instruction (Step 60). Processing will be ended if not related to the progress situation of the order goods the dealings information received from the transmit terminal or

whose information in a company has been registered (Step 56 NO). In addition, when not preparing the manufacturing process of an independent company into a progress situation table, it is only the company dealings information that there is no information from a receive section 23 in the information inputted into the status-control section 24 between companies, and it is inputted from the relay section 22.

[0014] In addition, there is stock of parts in the case of work expansion of Step 54, it can respond to those without /, and a respectively different work prototype can be adopted. For example, what is necessary is just to start a work prototype from manufacture of B company, if the information that it has stock of the parts corresponding to the quantity of the goods with which B company was ordered in the example shown in drawing 4 is acquired. A server 11 holds the newest part inventory information of B company, or it can ask the server of B company and it can acquire it.

[0015] Drawing 6 is drawing showing the example of data of the progress situation reference 65 transmitted to a server 11 from the progress situation reference terminal 14. The progress situation reference 65 consists of an order number, a purchaser, a successful bidder, and information like time for delivery.

[0016] Drawing 7 is drawing showing the example of data of the progress situation data 75 which it is as a result of [which is transmitted to the progress situation reference terminal 14 from a server 11] reference. The progress situation data 75 edit the progress situation table of the specified order number into the form of the table where people are legible. In addition, it is also possible to edit into the form of a production control view which expresses a progress situation table, using a figure as progress situation data.

[0017] Drawing 8 is a flow chart which shows the flow of processing from the receptionist section 26 of a server 11 to the output section 29. The receptionist section 26 receives the progress situation reference 65 from the progress situation reference terminal 14 (Step 81), and the reference section 27 takes out the progress situation table of the order number which searched the progress situation database 21 and was specified (Step 82). An editorial department 28 edits the acquired progress situation table into the form of the progress situation data 75 (Step 83), and the output section 29 transmits the created progress situation data 75 to the progress situation reference terminal 14 (Step 84).

[0018] In addition, instead of catching the dealings information transmitted to the dealings information accepting station 13 from each dealings information transmit terminal 12, and registering a progress situation table into the progress situation database 21, or a server 11 updating, the server in a company may relay the dealings

information transmitted from the dealings information transmit terminal 12 within the corporate information system of each company, it may transmit to the dealings information accepting station 13, and dealings information may be transmitted to a server 11 from the server in a company of each company.

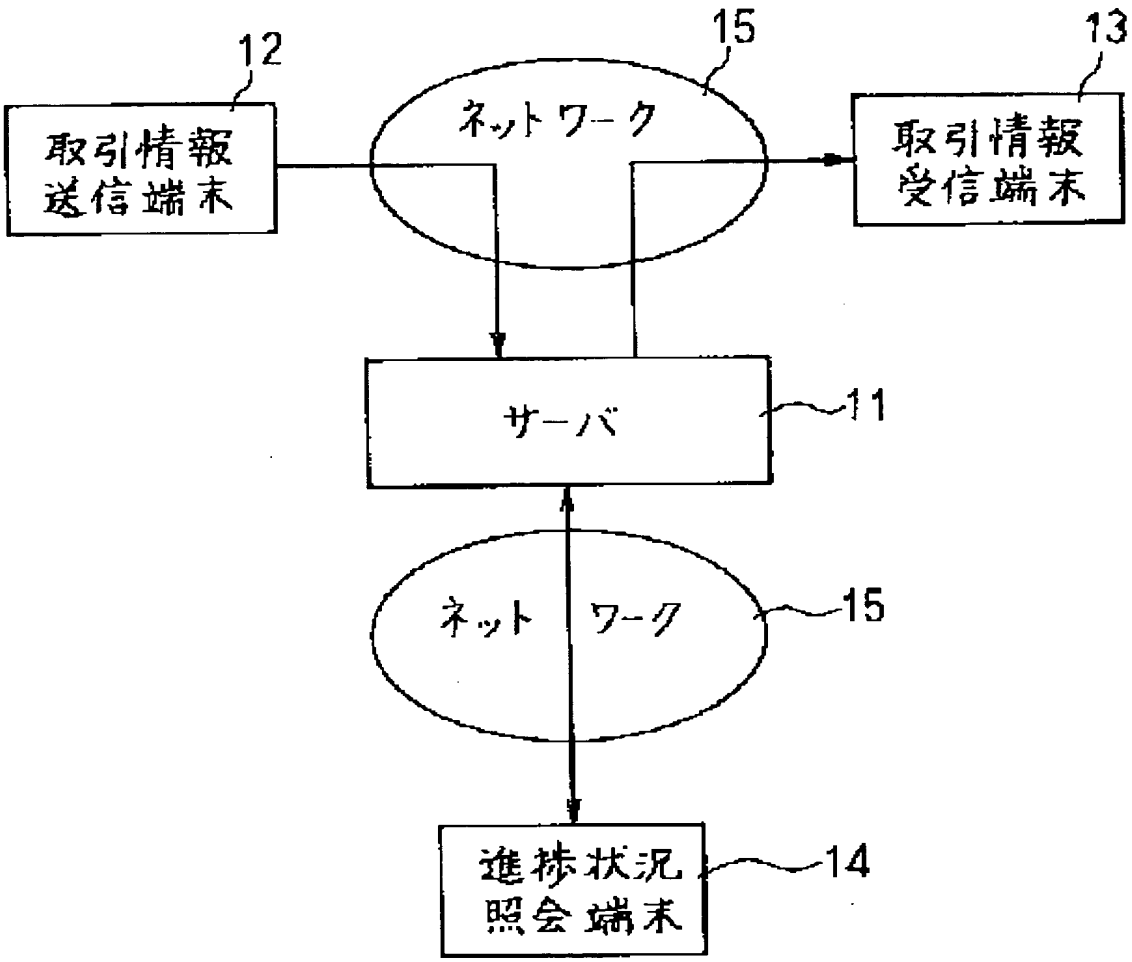
[0019]

[Effect of the Invention] Since an integration-[dealings / in which two or more companies participate] status control is performed according to this invention as explained above, the progress situation can be grasped immediately.

DRAWINGS

[Drawing 1]

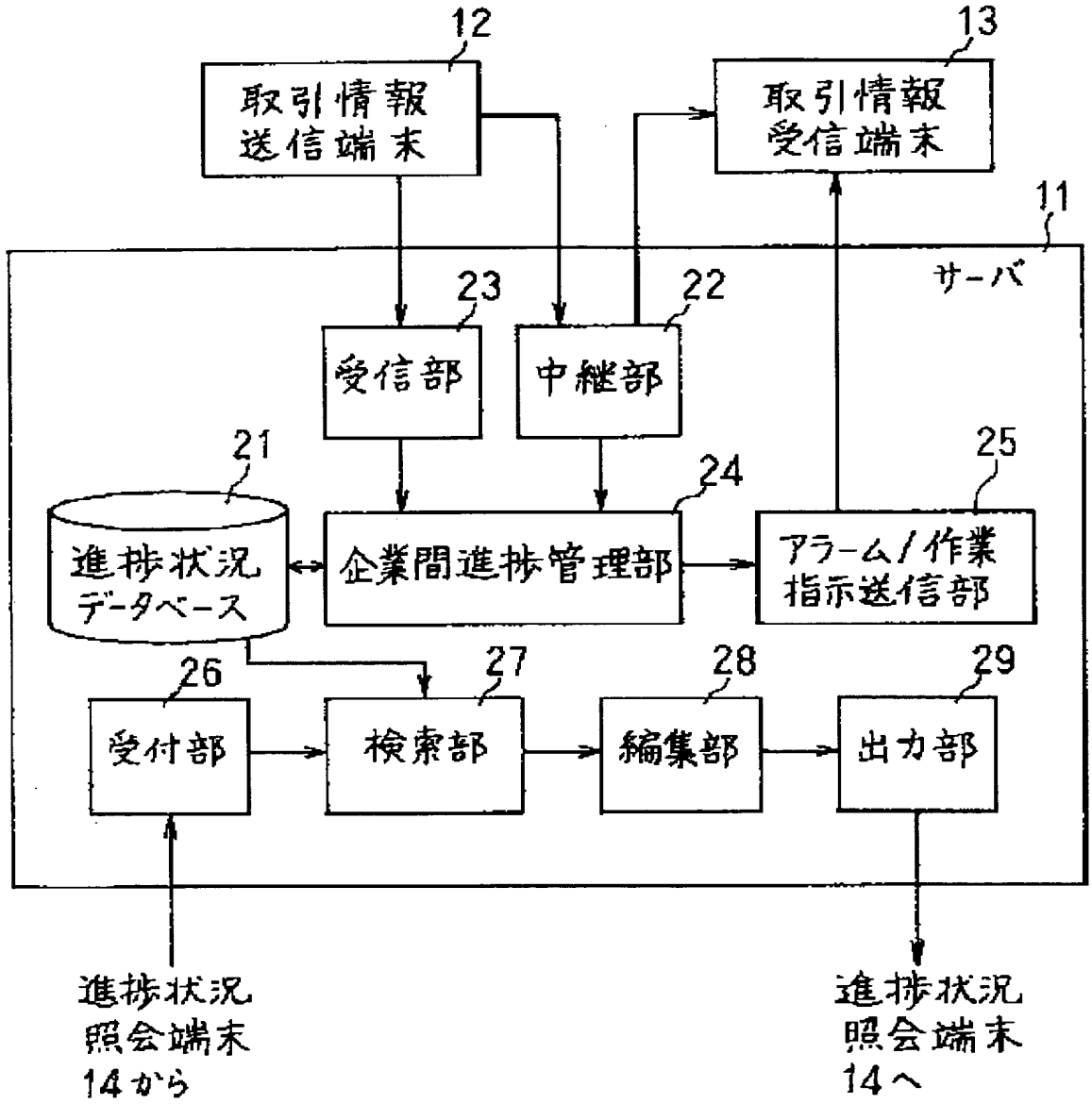
図 1



reference 3

[Drawing 2]

図2



[Drawing 3]

図３

（ａ）

～３５：取引情報

発注データ	
商品番号	ＰＣ１０１０
数量	１００
納期	１１月２０日
発注者	Ａ社
受注者	Ｘ社
発注NO	Ｈ１００１

（ｂ）

～３５：取引情報

出荷データ	
商品番号	ＰＣ１０１０
数量	１００
納期	１１月１４日
発注者	Ｃ社
受注者	Ｙ社
発注NO	Ｈ１００１
出荷NO	Ｓ１００１
出荷日	１１月１５日

[Drawing 4]

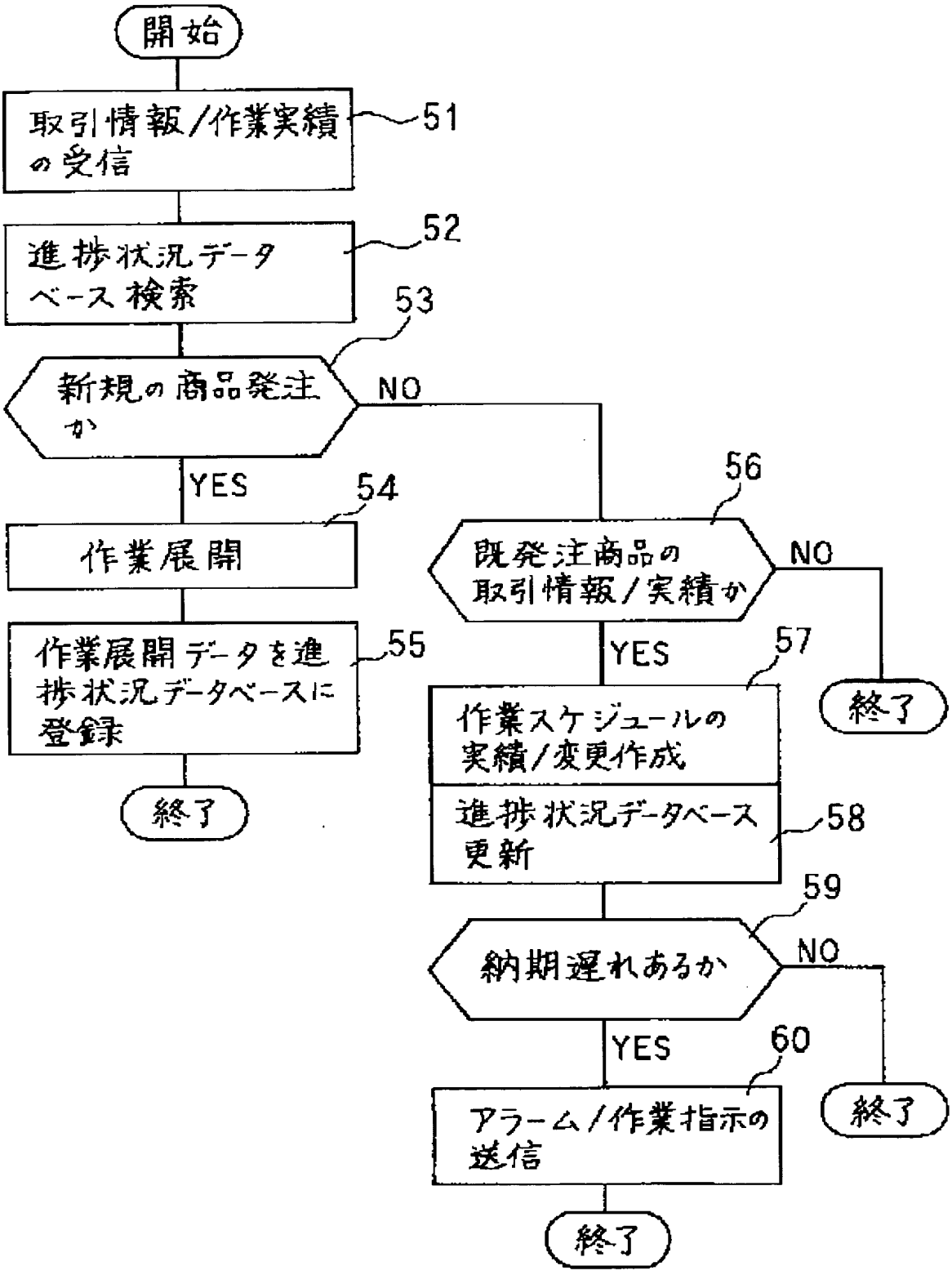
図 4

21：進捗状況データベース

発注NO	企業名	作業名(作業NO)	作業完了予定日	作業実績日	作業変更日	アラーム	作業指示
H1001	C	製造(P1001)	11/14	11/14	—	—	—
H1001	C－Y	出荷(S1001)	11/14	11/15	—	—	
H1001	Y－B	納入	11/15	—	11/16	納入遅れ	—
H1001	B	製造	11/18	‥‥		—	ﾘｰﾄﾞﾀｲﾑ短縮
H1001	B－X	出荷	11/19	·	—	—	緊急出荷
H1001	X－A	納入	11/20	—		納入遅れのおそれあり	—

[Drawing 5]

図 5


開始
取引情報/作業実績の受信
51
進捗状況データベース検索
52
新規の商品発注か
53
NO
YES
54
作業展開
作業展開データを進捗状況データベースに登録
55
終了
56
既発注商品の取引情報/実績か
NO
YES
57
終了
作業スケジュールの実績/変更作成
進捗状況データベース更新
58
59
納期遅れあるか
NO
YES
60
終了
アラーム/作業指示の送信
終了

reference 3

[Drawing 6]

図６

６５：進捗状況照会

発注NO	Ｈ１００１
発注者	Ａ社
受注者	Ｘ社
納期	１１月２０日

[Drawing 7]

図７

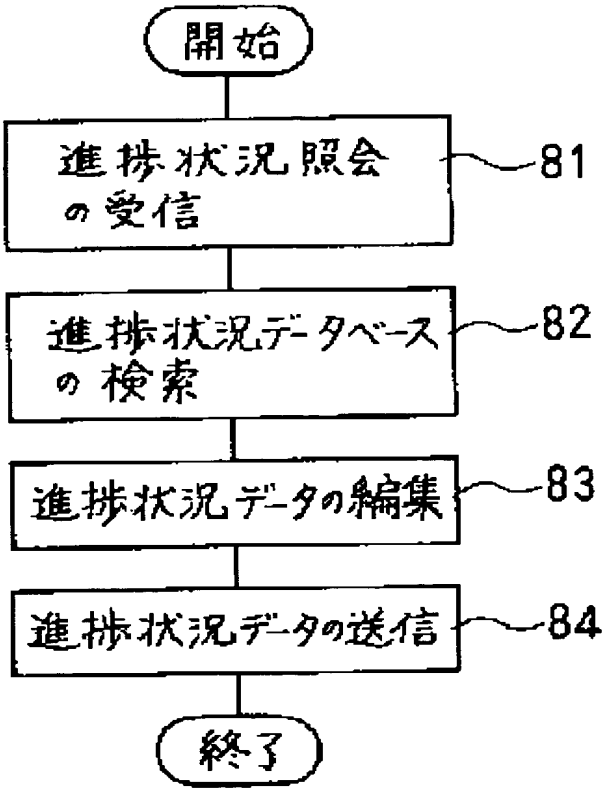
７５：進捗状況データ

	Ａ社	Ｘ社	Ｂ社		Ｙ社	Ｃ社
	納入	出荷	製造	納入	出荷	製造
予定	11/20	11/19	11/18	11/15	11/14	11/14
実績					11/15	11/14
変更予定日				11/16		

reference 3

[Drawing 8]

図 8



DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is drawing showing the structure of a system of an operation gestalt.

[Drawing 2] It is drawing showing the internal configuration of the server 11 of an operation gestalt.

[Drawing 3] It is drawing showing the example of data of the dealings information 35.

[Drawing 4] It is drawing showing the data composition of the progress situation database 21 of an operation gestalt.

[Drawing 5] It is the flow chart which shows the flow of processing of the status-control section 24 between companies of an operation gestalt, and the alarm / workmanship instruction transmitting section 25.

[Drawing 6] It is drawing showing the example of data of the progress situation reference 65.
[Drawing 7] It is drawing showing the example of data of the progress situation data 75.
[Drawing 8] It is the flow chart which shows the flow of processing of progress situation inquiry processing of an operation gestalt.
[Description of Notations]
11: A server, 12:dealings information transmit terminal, 13:dealings information accepting station, 14:progress situation reference terminal, 21:progress situation database, the status-control section between 24:companies, 35 : dealings information

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CORRECTION or AMENDMENT

[Official Gazette Type] Printing of amendment by the convention of 2 of Article 17 of patent law
[Section partition] The 3rd partition of the 6th section
[Date of issue] February 14, Heisei 15 (2003. 2.14)

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[Date of Publication] February 2, Heisei 11 (1999. 2.2)
[**** format] Open patent official report 11-312
[Filing Number] Japanese Patent Application No. 9-187911
[The 7th edition of International Patent Classification]
G06F 17/60
[FI]
G06F 15/21 L
R

[Procedure revision]
[Filing Date] November 15, Heisei 14 (2002. 11.15)
[Procedure amendment 1]
[Document to be Amended] Specification
[Item(s) to be Amended] Claim
[Method of Amendment] Change
[Proposed Amendment]

r f r nce 3

[Claim(s)]

[Claim 1] It is the dealings status-control method of using the server which manages the progress situation of dealings between companies.

The aforementioned server stores the data of the progress situation containing two or more routings which cover two or more companies based on the dealings information about dealings between the aforementioned companies transmitted among companies through a network, and the completion scheduled day for every aforementioned routing.

It is the dealings status-control method characterized by changing and recording the completion scheduled day of other routings contained in the data of the aforementioned storing progress situation based on the information which carried out [aforementioned] acquisition according to the aforementioned work actual result day when the information containing the work actual result day about the aforementioned routing is acquired.

[Claim 2] It is the dealings status-control method according to claim 1 characterized by transmitting a message to the information processor by the side of the company which is behind with the kind of work of a routing besides the above, and takes charge of the aforementioned routing according to days when the aforementioned work actual result day is late for the aforementioned completion scheduled day.

[Claim 3] The aforementioned message is the dealings status-control method according to claim 2 characterized by being the message of the warning to the company concerned.

[Claim 4] The aforementioned dealings information is the dealings status-control method according to claim 1 which is the information received from the information processor by the side of a company through the network, and is characterized by transmitting the aforementioned dealings information further with the information processor by the side of the company which is the dealings partner of the aforementioned dealings information.

[Claim 5] It is the dealings status-control method between the companies using the server connected with the information processor by the side of a company through a network.

The aforementioned server has the storage section which matches and stores two or more routings covering two or more companies which cover two or more companies for every dealings, and the completion scheduled day for every aforementioned routing.

The dealings information transmitted among companies acquires and the

aforementioned storage section searches based on the dealings information carried out [aforementioned] acquisition, and when it matches and two or more routings and completion scheduled day which are contained in the dealings corresponding to the dealings information carried out [aforementioned] acquisition as a result of the aforementioned reference are stored in the aforementioned storage section, the work actual result day contained in the dealings information carried out [aforementioned] acquisition matches with the aforementioned completion scheduled day, and it stores to the aforementioned storage section.

When it judges whether delay has the aforementioned work actual result day from the aforementioned completion scheduled day of work and there is delay as a result of the aforementioned judgment, a different message according to the days of the delay and the kind of other routings is transmitted to the information processor by the side of the company which takes charge of a routing besides the above.

When the routing about dealings information and the completion scheduled day for every aforementioned routing which carried out [aforementioned] acquisition are not stored in the aforementioned storage section, it judges whether the dealings information which carried out [aforementioned] acquisition is the ordering information which shows order of new dealings.

a basis [information / dealings / which carried out / aforementioned / acquisition when it was judged that it is ordering information] -- the above -- the dealings status-control method characterized by matching new dealings with two or more routings which cover two or more aforementioned companies, and the completion scheduled day for every aforementioned routing, and storing in the aforementioned storage section

[Claim 6] In the dealings status-control method between the companies using the server which manages the progress situation of dealings between companies

The aforementioned server has the storage section which matches and stores the progress situation of dealings containing two or more routings which cover two or more companies, and the dealings containing the completion scheduled day for every routing of the aforementioned dealings.

The information which shows the actual result day of the routing contained in the aforementioned dealings by which storing is carried out [aforementioned] is acquired, the aforementioned actual result day is matched with the completion scheduled day of the storing aforementioned routing based on the aforementioned information, and it stores in the aforementioned storage section.

A reference demand is received from the information processor connected through a

network about the progress situation of dealings, and it searches whether the progress situation of the dealings which correspond based on the aforementioned carrier beam reference demand is stored.
As a result of the aforementioned reference, when stored, the progress situation of the aforementioned dealings which carry out relevance, and the aforementioned dealings is acquired.
The dealings status-control method between the companies carry out transmitting the information edited based on matching with the completion scheduled day of the routing of the aforementioned dealings and the aforementioned actual result day which are contained in the progress situation of the dealings which carried out [aforementioned] acquisition, and matching by the progress situation of the dealings which carried out [aforementioned] acquisition, and the aforementioned dealings to the aforementioned information processor as the feature.
[Claim 7] The server which is characterized by providing the following and which is connected with the information processing terminal by the side of a company through a network The Records Department which records the progress situation of dealings by two or more companies It is the status-control section between companies which searches the aforementioned Records Department and updates the progress situation of the corresponding dealings as a result of the aforementioned reference when the progress situation of the dealings based on the dealings information between the companies transmitted through a network is recorded on the aforementioned Records Department and the information on the progress situation about dealings is received from the exterior.
[Procedure amendment 2]
[Document to be Amended] Specification
[Item(s) to be Amended] 0005
[Method of Amendment] Change
[Proposed Amendment]
[0005]
[Means for Solving the Problem] this invention is the dealings status-control technology of using the server which manages the progress situation of dealings between companies. a server The data of the progress situation containing two or more routings which cover two or more companies based on the dealings information about dealings between the companies transmitted among companies through a network, and the completion scheduled day for every routing are stored. When the information containing the work actual result day about a routing is acquired, it is

characterized by the dealings status-control technology which changes and records the completion scheduled day of other routings contained in the data of the progress situation stored based on the acquired information according to a work actual result day.

[Procedure amendment 3]

[Document to be Amended] Specification

[Item(s) to be Amended] 0008

[Method of Amendment] Change

[Proposed Amendment]

[0008] The dealings information transmit terminal 12, the dealings information accepting station 13, and the progress situation reference terminals 14 are information processors, such as a personal computer. Since the name of each terminal unit expresses the function of the application program (AP) performed with the information processor, one set of an information processor can be equipped with two or more functions of these terminals by it. Servers 11 are information processors, such as a personal computer, a workstation, a mainframe computer, and a parallel computer. Networks 15 are networks, such as the Internet which can be used among two or more companies, and a dedicated line which a value added carrier offers. According to this system, the dealings information transmitted among companies through a network is acquired. It develops on the work schedule containing two or more routings which cover two or more companies based on this dealings information, and the completion scheduled day. When the actual result report of work is acquired about this routing, an actual result day is recorded on a work schedule, and when an actual result day is late for the completion scheduled day, the change day which corrects the completion scheduled day of a consecutive routing according to delay days is recorded on a schedule. The actual result report of work [here] shall compare the actual result day should match with one of two or more developed routings, and it was reported that was the completion scheduled day of work.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is drawing showing the structure of a system of an operation gestalt.

[Drawing 2] It is drawing showing the internal configuration of the server 11 of an

operation gestalt.

[Drawing 3] It is drawing showing the example of data of the dealings information 35.

[Drawing 4] It is drawing showing the data composition of the progress situation database 21 of an operation gestalt.

[Drawing 5] It is the flow chart which shows the flow of processing of the status-control section 24 between companies of an operation gestalt, and the alarm / workmanship instruction transmitting section 25.

[Drawing 6] It is drawing showing the example of data of the progress situation reference 65.

[Drawing 7] It is drawing showing the example of data of the progress situation data 75.

[Drawing 8] It is the flow chart which shows the flow of processing of progress situation inquiry processing of an operation gestalt.

[Description of Notations]

11: A server, 12:dealings information transmit terminal, 13:dealings information accepting station, 14:progress situation reference terminal, 21:progress situation database, the status-control section between 24:companies, 35 : dealings information